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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/814,268	03/21/2001	Hans Hannu	34645-00524USPT	3945

27045 7590 07/15/2004
ERICSSON INC.
6300 LEGACY DRIVE
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PLANO, TX 75024

EXAMINER

VU, VIET DUY

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 07/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/814,268

Applicant(s)

HANNU ET AL.

Examiner

Viet Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 December 2003.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☒ Claim(s) 25-35 is/are allowed.
6) ☒ Claim(s) 1-24 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

BEST AVAILABLE COPY**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2/15/02; 7/2/02.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

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Art Rejections:

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 1-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Denenberg et al, U.S. pat. No. 5,537,551 in view of Martin, U.S. pat. No. 6,222,942.

Per claims 1-8, Denenberg discloses a system and method for compressing/decompressing communication messages comprising:

a) a processor (49, fig. 1) for compressing/decompressing a communication message,

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b) a receiver (compression) table in communication with said compressor for providing compression information to the compressor for compressing of said communication message,

c) a sender (decompression) table in communication with said compressor for storing substantially similar compression information related to the compression of said communication message (see col 15, lines 60-63 and col 17, lines 38-59).

Denenberg also teaches that both compression and decompression tables can be maintained within the subscriber device for enabling compressing and decompressing capability at the client device (see col 16, lines 12-16).

Denenberg does not teach using a plurality of dictionary tables in communication with compression/decompression tables. Martin discloses a method of compiling a plurality of static/dynamic dictionary tables for storing frequently used words (see Martin's col 3, lines 4-28).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Denenberg with Martin's teaching because it would have enabled implementing message compressing/decompressing more effectively on a mobile device (see Martin's col 1, lines 54-62).

Per claims 9-10, Denenberg also teaches providing an indication (flag) within the message to indicate whether or not

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the message should be compressed by using the compression table
(see Denenberg's col 32, lines 34-47).

Claims 11-24 are similar in scope as that of claims 1-10.

Allowable Subject Matter:

4. Claims 25-35 are allowed over prior art of record.

Conclusion:

5. The references cited by the examiner on PTO-892 but not
relied upon are considered pertinent to applicant's disclosure.

6. Any inquiry concerning this communication or earlier
communications from the examiner should be directed to Viet Vu
whose telephone number is 703-305-9597. The examiner can
normally be reached on Monday through Thursday from 8:00am to
4:00pm.

If attempts to reach the examiner by telephone are
unsuccessful, the examiner's supervisor, John Follansbee, can be
reached on (703) 305-8498.

Any inquiry of a general nature or relating to the status
of this application or proceeding should be directed to the
Group receptionist whose telephone number is 703-305-9600. The
Group fax number is 703-872-9306.



VIET D. VU
PRIMARY EXAMINER

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7/09/04

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